

**SECRET**

DPD 3439-59

2 June 1959

MEMORANDUM FOR: Chief, Material Branch, DPD-DD/P

SUBJECT : Elint Malfunction Report for May 1959

[ ] - No Elint malfunctions during the current month.

Detachment "D" - No Elint malfunctions during the current month.

Detachment "B" - Failure of 14 motor drive assemblies for the System one and three recorders were reported. The failures were found during bench check and equipment repair. Corrective action, including setting up a new repair line at the contractors plant, tightened inspection procedure, and an increase in FAX and depot spares was taken.

On flight BF 59-94, 8 May 1959, several malfunctions of System IV were reported. The film in the camera unit broke at the beginning of the flight, low intensity on the cathode ray tube due failure of the 10-13 unit, distorted CRT raster, lack of intensity gate due failure of CR 5504 diode and blower motor in 1A/1B receiver serial No. 102. The above long series of failures may have been due to loss of pressurization in the "Q" bay, which hit 37,000 ft equivalent altitude.

On flight BF 59-105, 22 May 1959, the motor drive unit on the System VI recorder failed in flight. Also System IV receiver 1A/1B serial 102 blew a power fuse and the system IV recorder broke its tape at take off.

Bench check and pre flight tests also turned up several pieces of malfunctioning equipment. One traveling wave tube in a Rambo X band pre-amplifier failed and was replaced, and several System IV receivers were found to suffer from low I.F. sensitivity.

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[ ]  
Chief, Communications Section  
DPD-DD/P

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25 YEAR RE-REVIEW

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